

CLAIMS:

1. A non-T cell binding peptide and analogues thereof which bind to the target sequences having the consensus sequence of QK/RRAA (i.e. Gln -Lys/Arg -Arg -Ala -Ala)
2. A non-T cell binding peptide which is selected from the group consisting of the following sequences:  
FKGEAGPKGE (SEQ ID NO: 1)  
FKGEQAPKGE (SEQ ID NO: 2)  
FKGEQGAKGE (SEQ ID NO: 3)  
FKGEQGPAGE (SEQ ID NO: 4)  
FKGEQGAAGE (SEQ ID NO: 5)  
FKGEQAGAGE (SEQ ID NO: 6)  
FKGEGAGAGE (SEQ ID NO: 7).
3. A pharmaceutical composition comprising the non-T cell binding peptide(s) and analogues thereof according to claim 1, and pharmaceutically accepted carriers and adjuvants.
4. The use of the non-T cell binding peptide(s) and analogues thereof according to claim 1 in the preparation of a medicament for the treatment of rheumatoid arthritis.
5. The use of the non-T cell binding peptide(s) and analogues thereof according to claim 1 in the treatment of rheumatoid arthritis.
6. Administering the non-T cell binding peptide(s) and analogues thereof according to claim 1 to the patients with rheumatoid arthritis.
7. A pharmaceutical composition comprising the non-T cell binding peptide(s) according to claim 2, and pharmaceutically accepted carriers and adjuvants.
8. The use of the non-T cell binding peptide(s) according to claim 2 in the preparation of a medicament for the treatment of rheumatoid arthritis.
9. The use of the non-T cell binding peptide(s) according to claim 2 in the treatment of rheumatoid arthritis.
10. Administering the non-T cell binding peptide(s) according to claim 2 to the patients with rheumatoid arthritis.